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IN THE CLAIMS

A status of all the claims of the present Application is shown below:

1.   (previously presented) A method for detecting the border of recorded video data, comprising:

analyzing a plurality of video frames, the plurality of video frames comprising recorded data content and unrecorded data content; and

identifying at least one frame of the unrecorded data content as a border of the recorded data content.

2.   (original) The method of claim 1, further comprising digitizing at least a subset of the plurality of video frames.

3.   (previously presented) The method of claim 2, further comprising compressing the at least a subset of the digitized plurality of video frames.

4.   (previously presented) The method of claim 2, further comprising formatting the at least a subset of the digitized plurality of video frames.

5.   (previously presented) The method of claim 1, further comprising storing the recorded data content on optical storage media using a media storage system based on the identified border.

6.   (original) The method of claim 1, further comprising receiving at least a subset of the plurality of video frames from one of the group consisting of a video camcorder, video recorder, and a digital data stream.

7.   (previously presented) The method of claim 1, further comprising:
creating a histogram of at least one of the plurality of video frames; and
determining from the histogram the at least one frame of unrecorded data content.

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8.   (previously presented) The method of claim 1, further comprising:

analyzing motion vectors created from at least one of the plurality of video frames; and

determining from the motion vectors the at least one frame of unrecorded data content.

9.   (previously presented) A system for detecting the border of a video stream, comprising:

a video data source; and

a border detection module coupled to the video data source and operable to

receive a plurality of video frames, the plurality of video frames comprising recorded data content and unrecorded data content,

analyze the plurality of video frames, and

identify at least one frame of the unrecorded data content as a border of the at least one recorded data content.

10.   (previously presented)   The system of claim 9, further comprising a media storage system operable to store the recorded data content based on the identified border.

11.   (original)   The system of claim 10, wherein the media storage system comprises optical storage media.

12.   (original) The system of claim 9, wherein at least a subset of the plurality of video frames is received from one of the group consisting of a video camcorder, video recorder, and a digital data stream.

13.   (previously presented)   The system of claim 9, wherein the border detection module is further operable to:

create a histogram of at least one of the plurality of video frames; and

determine from the histogram the at least one frame of unrecorded data content.

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14. (previously presented) The system of claim 9, wherein the border detection module is further operable to:

analyze motion vectors created from at least one of the plurality of video frames; and determine from the motion vectors the at least one frame of unrecorded data content.

15. (previously presented) An application for detecting a border of recorded video data comprising:

a border detection module; and

logic residing on the module, the logic operable to

receive a plurality of video frames, the plurality of video frames comprising recorded data content and unrecorded data content,

analyze the plurality of video frames, and

identify at least one frame of the unrecorded data content as a border of the recorded data content.

16. (original) The application of claim 15, wherein the logic residing on the module comprises at least one software application.

17. (original) The application of claim 15, wherein the logic residing on the module comprises firmware.

18. (previously presented) The application of claim 15, wherein the logic is operable to:

create a histogram of at least one of the plurality of video frames; and determine from the histogram the at least one frame of unrecorded data content.

19. (previously presented) The application of claim 15, wherein the logic is further operable to record the recorded data content onto an optical storage medium using a media storage system based on the identified border.

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20.   (previously presented)   The application of claim 15, wherein the logic is further operable to:

analyze motion vectors created from the at least one of the plurality of video frames; and

determine from the motion vectors the at least one frame of unrecorded data content.

21.   (Canceled)

22.   (original)   The application of claim 15, wherein at least a subset of the plurality of video frames is received from one of the group consisting of a video camcorder, video recorder, and a digital data stream.

23.   (previously presented)   A system for detecting a border of video data, comprising:

a border detection module; and

logic residing on the module, the logic adapted to compare at least two video frames of the video data, the logic adapted to identify at least one of the two video frames as a border between unrecorded data content of the video data and recorded data content of the video data if pixel values of the at least one of the two video frames corresponds substantially to a particular color.

24.   (previously presented)   The system of Claim 23, wherein the logic is adapted to initiate recording of the recorded data content onto a media storage system based on the border video frame.

25.   (previously presented)   The system of Claim 24, wherein the logic is adapted to format the recorded data content corresponding to a type of the media storage system.

26.   (previously presented)   The system of Claim 23, wherein the logic is adapted to compare the at least two video frames in real-time.

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27. (previously presented) The system of Claim 23, wherein at least a subset of the at least two video frames is received from one of the group consisting of a video camcorder, video recorder, and a digital data stream.

28. (previously presented) The system of Claim 23, wherein the logic is adapted to create at least one histogram for comparing the at least two video frames.

29. (previously presented) A system for detecting a border of video data, comprising:

a border detection module; and

logic residing on the module, the logic adapted to compare at least two video frames of the video data, the logic adapted to identify at least one of the two video frames as a border between unrecorded data content of the video data and recorded data content of the video data if an amount of motion in one of the at least two video frames exceeds a predetermined threshold relative to another one of the at least two video frames.

30. (previously presented) The system of Claim 29, wherein the logic is adapted to analyze motion compensation vectors to determine the amount of motion.

31. (previously presented) The system of Claim 29, wherein the logic is adapted to initiate recording of the recorded data content onto a media storage system based on the border video frame.

32. (previously presented) The system of Claim 31, wherein logic is adapted to format the recorded data content corresponding to a type of the media storage system.

33. (previously presented) The system of Claim 29, wherein the logic is adapted to compare the at least two video frames in real-time.

34. (previously presented) The system of Claim 29, wherein the video data comprises compressed video data.

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35. (previously presented) The system of Claim 29, wherein the at least two video frames is received from one of the group consisting of a video camcorder, a video recorder, and a digital data stream.

36-40. (canceled)

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